

## **Product Datasheet**

## Dog IgG F(ab')2 Antibody Peroxidase Conjugated (orb346587)

Catalog Number orb346587

**Category** Antibodies

**Description** Dog IgG F(ab')2 antibody (Peroxidase)

**Clonality** Polyclonal

Species/Host Rabbit

**Isotype** IgG

Conjugation HRP

**Reactivity** Canine

Form/Appearance Lyophilized

**Concentration** 10.0 mg/mL

**Buffer/Preservatives** 0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!

**Purity** This product is an IgG fraction antibody purified from monospecific antiserum by

a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Dog IgG, Dog IgG F(ab')2 and Dog

Serum. No reaction was observed against Dog IgG F(c).

**Immunogen** Dog IgG F(ab')2 fragment

**Tested applications** ELISA, IHC, WB

**Dilution range** ELISA: 1:10,000 - 1:50,000, IHC: 1:500 - 1:2,500, WB: 1:1,000 - 1:10,000





**Application notes** 

Anti-Dog IgG F(ab')2 Peroxidase Conjugate has been tested by ELISA. This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.

**Antibody Type** 

Secondary Antibody

Storage

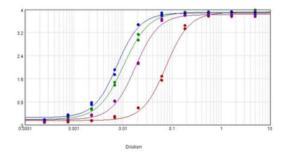
Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Note

For research use only

**Expiration Date** 

12 months from date of receipt.



ELISA results of purified Rabbit Anti-Dog IgG F(ab')2 Peroxidase Antibody tested against purified Dog IgG Fab2. Each well was coated in duplicate with 1.0  $\mu$ g of Dog IgG F(ab')2 (red line). The starting dilution of antibody was 5  $\mu$ g/ml and the X-axis represents the Log10 of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC50 is defined as the titer of the antibody.